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Patent

Case No.: 59393US002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: GUERRA, MIGUEL A.

Application No.: 10/712360

Group Art Unit: 1711

Filed: November 13, 2003

Examiner: Ana Lucrecia  
Woodward

Title: REINFORCED POLYMER ELECTROLYTE MEMBRANE

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop: Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR § 1.8(a)]**

I hereby certify that this correspondence is being:

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- ☐ transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at (703) 872-9306.

*February 18, 2005*  
Date

*Phyllis J. Boettcher*  
Signed by: Phyllis J. Boettcher

Dear Sir:

Pursuant to 37 CFR §§ 1.56, 1.97, and 1.98, enclosed is a completed Form PTO-1449, citing references submitted for consideration by the Examiner. It is respectfully requested that the Examiner initial and return the enclosed Form PTO-1449 to indicate that each reference has been considered.

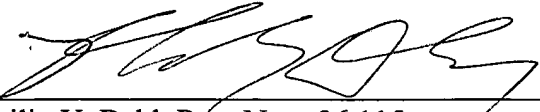
Copies of any cited foreign patents, foreign publications, non-patent literature documents, and any pending U.S. applications filed before June 30, 2003, are enclosed. Copies of any pending U.S. applications filed after June 30, 2003 that can be accessed on the USPTO's IFW system are not enclosed as per USPTO Waiver dated September 21, 2004. Copies of any U.S. patents and published U.S. patent applications are not enclosed.

Under 37 CFR § 1.97(e)(1), I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing of this Information Disclosure Statement.

It is believed that no fee is due; however, in the event a fee is required, please charge the fee to Deposit Account No. 13-3723.

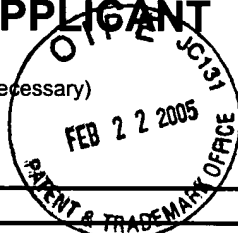
Respectfully submitted,

2/18/05  
Date

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|---|-----------------------------|------------------------------|
| <b>Substitute for form 1449A/PTO (modified)</b><br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(Use as many sheets as necessary)<br><br>Page 1 of 1 | <b>Application Number</b>   | <b>10/712360</b>             |
|   | <b>Filing Date</b>          | <b>November 13, 2003</b>     |
|   | <b>First Named Inventor</b> | <b>Guerra, Miguel A.</b>     |
|   | <b>Art Unit</b>             | <b>1711</b>                  |
|   | <b>Examiner Name</b>        | <b>Ana Lucrecia Woodward</b> |
|   | <b>Attorney Case Number</b> | <b>59393US002</b>            |



| U.S. Patent Documents |          |                                  |  |   |   |
|-----------------------|----------|----------------------------------|--|---|---|
| Exam. Init.*          | Cite No. | Document Number                  | Publication Date or Issue Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|                       |          | Doc. Number-(Kind Code if Known) |  |   |   |
|                       | A1       | US- 4,218,542                    | 08/19/1980                                   | Ukihashi et al.                                 |   |
|                       | A2       | US- 4,602,045                    | 07/22/1986                                   | Markus et al.                                   |   |
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| Foreign Patent Documents |          |                         |                             |                                |   |   |                            |
|--------------------------|----------|-------------------------|-----------------------------|--------------------------------|---|---|----------------------------|
| Exam. Init.*             | Cite No. | Foreign Patent Document |                             | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | Translation (Check if yes) |
|                          |          | Ctry. Code              | Number-Kind Code (If known) |                                |   |   |                            |
|                          | B1       | EP                      | 0 422 231 B1                | 12/27/1995                     |   |   |                            |
|                          | B2       | EP                      | 1 091 435 A1                | 04/11/2001                     | Daikin Industries, Ltd.                         |   |                            |
|                          | B3       | WO                      | 97/17381                    | 05/15/1997                     | AlliedSignal Inc.                               |   |                            |
|                          | B4       |                         |                             |                                |   |   |                            |
|                          | B5       |                         |                             |                                |   |   |                            |

| OTHER DOCUMENTS |          |  |                            |
|-----------------|----------|--|----------------------------|
| Exam. Init.*    | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published | Translation (Check if yes) |
|                 | C1       | Gab-Jin Hwang et al.; "Preparation Of Cation Exchange Membrane As A Separator For The All-Vanadium Redox Flow Battery", Journal of Membrane Science, Elsevier Scientific Publ. Company, Amsterdam, NL, Vol. 120, No. 1, October 30, 1996, pp. 55 - 67.         |                            |
|                 | C2       |  |                            |
|                 | C3       |  |                            |

|  |                         |
|--|-------------------------|
| <b>*Examiner:</b>  | <b>Date Considered:</b> |
| EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                         |